

Office of Undergraduate Research and Inquiry

2021 Symposium Winners

Basic Sciences

- 1st Place Angelica Bodine, College of Science
Faculty Mentors: Randy Blakely
Presentation Title: Determination of Region Specific, Sex Biased Dopamine Neuron Transcripts Utilizing RiboTag Mice
- 2nd Place Diana Herrera, College of Science
Faculty Mentor: Maciej Stawikowski
Presentation Title: Development and Optimization of Fluorescent Cholesterol Probes

Behavioral, Educational & Social Sciences

- 1st Place Matthew Patterson, College of Social Work and Criminal Justice
Faculty Mentors: Dani Groton
Presentation Title: A PhotoVoice Study on the Lived Experience of Students Attending College While Homeless
- 2nd Place Erika Stone, College of Social Work and Criminal Justice
Faculty Mentor: Seth Fallik
Presentation Title: Revenge porn: A Critical Content Analysis of the Nation's Laws and Reflection Upon Social Science Research

Business, Marketing, Finance & Public Administration

- 1st Place Estefania Palmer Sigal, College of Business
Co-presenters: Enrique Barrios, Joi Dean, Sophia Romagosa
Faculty Mentor: Eileen Acello
Presentation Title: PODS Case Study: Targeting Millennials, Gen Z, and HR Professionals
- 2nd Place Daniela Rivera Cintrón
Faculty Mentors: Monica Escaleras and Eric Levy
Presentation Title: The American Food System: Food for Thought?

Cross Disciplinary

- 1st Place Haliston Lake, College of Arts and Letters
Faculty Mentor: Kristin Shockley
Presentation Title: Gender and Violence in Africa
- 2nd Place Starr Warner, College of Science
Faculty Mentor: Lilah Besser
Presentation Title: Urban Design Perspective on the Influence of Built Environments on Brain Health: A Scoping Review

Engineering

- 1st Place Robert Gaudreau, College of Engineering and Computer Science
Co-presenters: Alexander Gaudreau
Faculty Mentor TsungChow Su
Presentation Title: Reverse Osmosis Membrane Emergency Pump (RO MEP)
- 2nd Place Arman Alexis, College of Engineering and Computer Science
Faculty Mentor Tricia Meredith
Presentation Title: Utilizing Virtual Reality to Augment the Efficiency of Analyzing CT Scanned Organisms

Environmental, Ecological & Marine Sciences

- 1st Place Mallory Thomas, College of Engineering and Computer Science
Co-Presenter: Numana Luqman & Alexander Shaw
Faculty Mentor Myeongsub Kim
Presentation Title: Utilization of Waste Concrete and Natural Seawater for CO2 Capture
- 2nd Place Angel Rodgers, College of Science
Faculty Mentor: Jeanette Wyneken
Presentation Title: Testing the Hatching Synchrony Hypothesis in Green Turtles, *Chelonia mydas* —Thermal and Mechanical Effects

Health & Medical Sciences

- 1st Place Imtisal Imran, Florida Atlantic University High School
Faculty Mentor Mahyar NouriShirazi
Presentation Title: Assessment of Preexisting Immunity to Childhood Immunizations within Peripheral Blood

2nd Place Claudia E.Gonzalez, College of Science
Faculty Mentors: Bethany Stanhope and Evelyn Frazier
Presentation Title: The Melanocytic Effects of hipk2 CRISPR Mutation

Music, Art, Literature, Theater, History & Philosophy I

1st Place Sarah Bagnall, College of Arts and Letters
Faculty Mentor Timothy Miller
Presentation Title: Postcolonial Translation Theory and the Ethics of Translation

2nd Place (Tie) Maiya Xirinachs, College of Arts and Letters
Faculty Mentor Timothy Miller
Presentation Title: Playing with Norse

2nd Place (Tie) Tristan Stinchcomb, Honors College
Faculty Mentor: Michael Hawwood
Presentation Title: An Analysis of Harry Crews' Use of Bodies in the Works
"Body" and "Scar Lover"

Music, Art, Literature, Theater, History & Philosophy II

1st Place Tristan Sheridan, College of Arts and Letters
Faculty Mentor: Timothy Miller
Presentation Title: Interactivity and Unsettling Agency in Fallen Hero

2nd Place Gaby Esquivel, College of Arts and Letters
Faculty Mentor: Michael Zager
Presentation Title: Costa Rica: The Inspiration for Songs